Figure 1

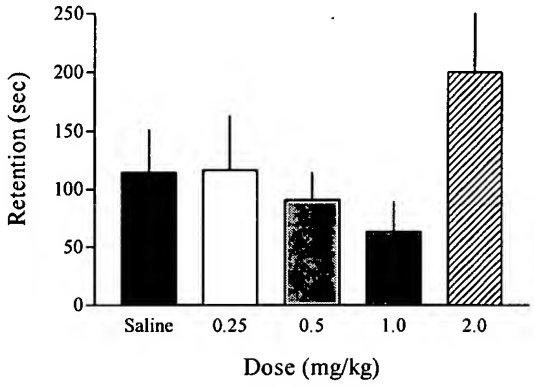


Figure 2

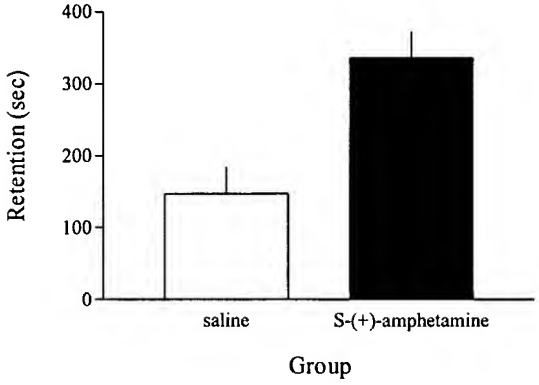


Figure 3

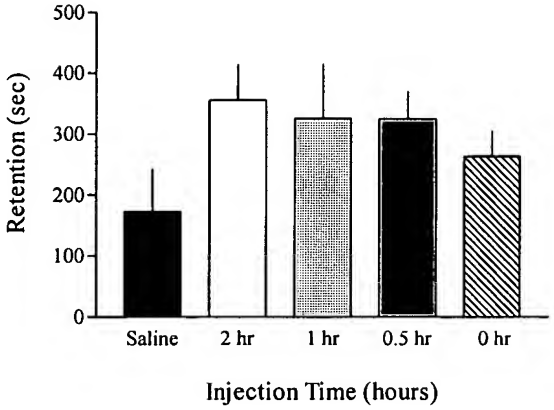
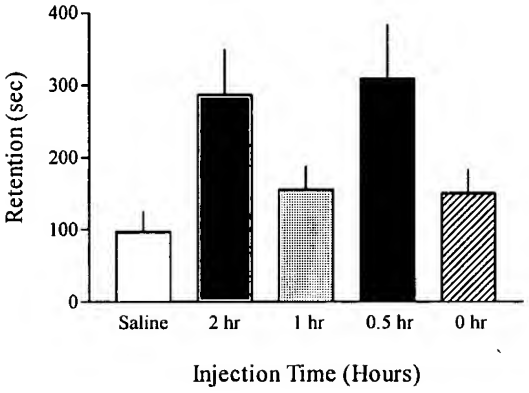


Figure 4



One-way analysis of variance	
P value	0.0114
P value summary	*
Are means signif. different? (P < 0.05)	Yes
Number of groups	5
F	3.688
R squared	0.2554

Figure 5

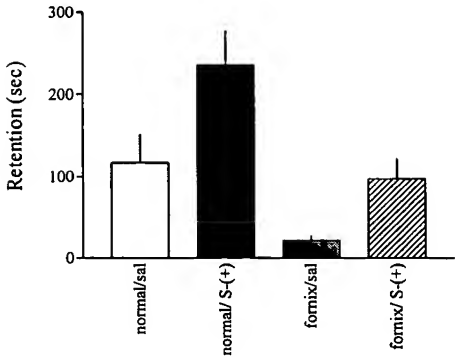


Figure 6

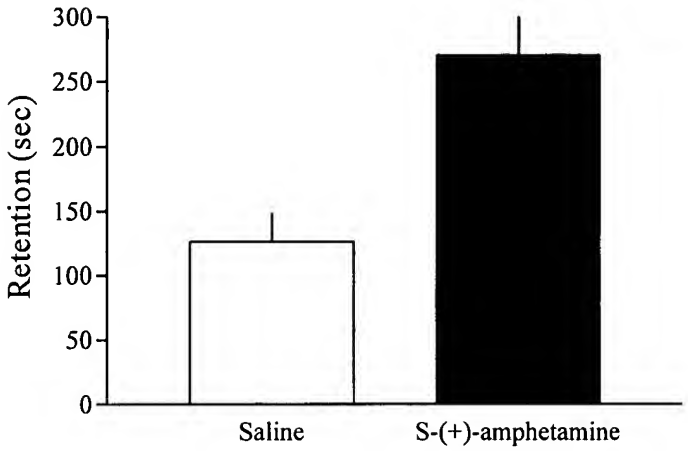
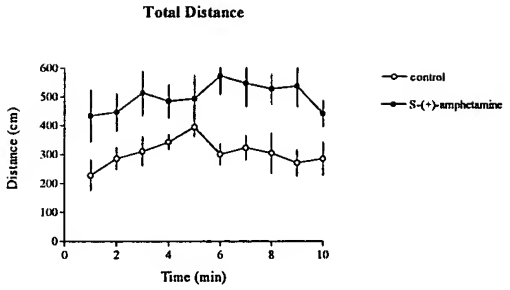
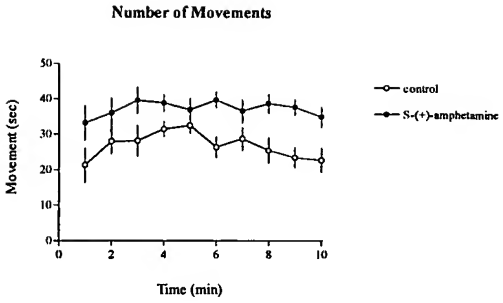
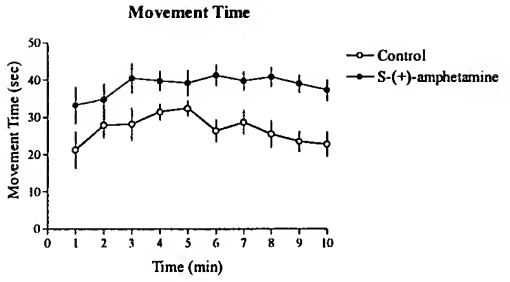
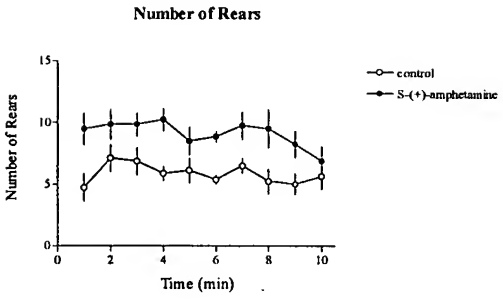


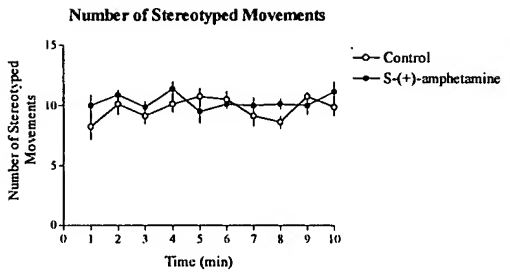
Figure 7


Total Distance
Distance (cm)
Time (min)
control
S-(+)-amphetamine


Number of Movements
Movement (sec)
Time (min)
control
S-(+)-amphetamine


Movement Time
Movement Time (sec)
Time (min)
Control
S-(+)-amphetamine


Number of Rears
Number of Rears
Time (min)
control
S-(+)-amphetamine


Number of Stereotyped Movements
Number of Stereotyped Movements
Time (min)
Control
S-(+)-amphetamine

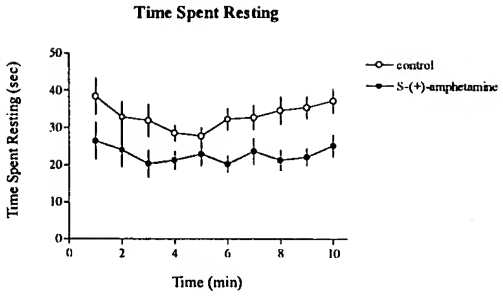

Time Spent Resting
Time Spent Resting (sec)
Time (min)
control
S-(+)-amphetamine

Figure 8

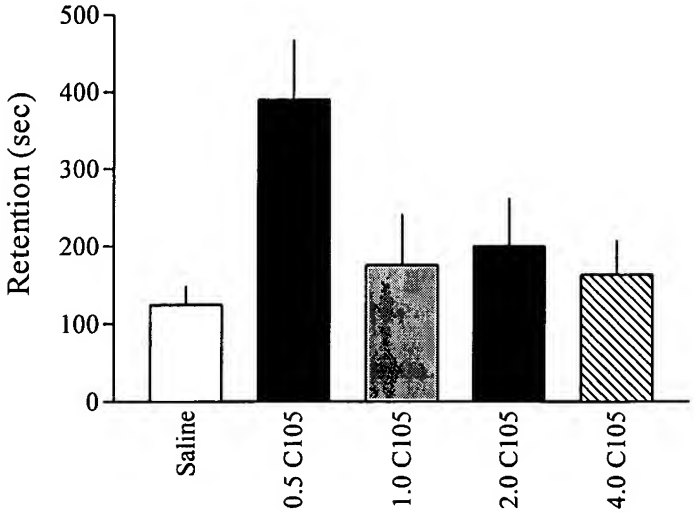


Figure 9

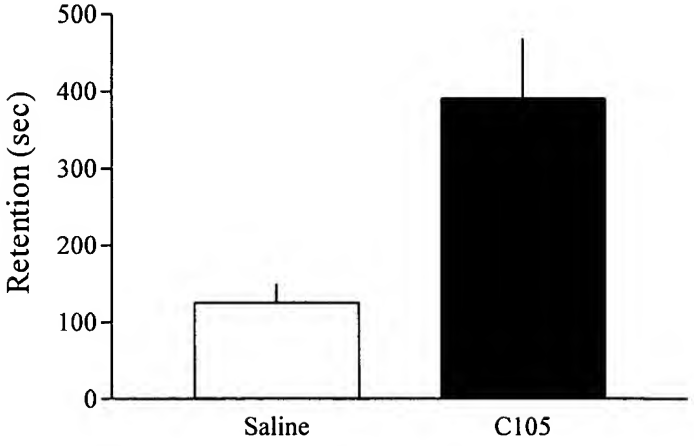


Figure 10

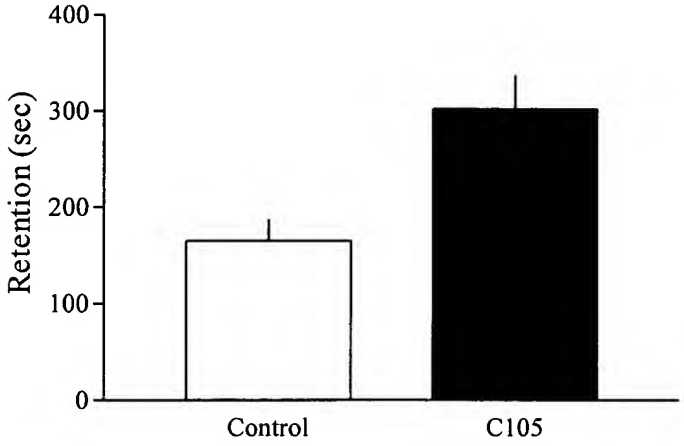


Figure 11

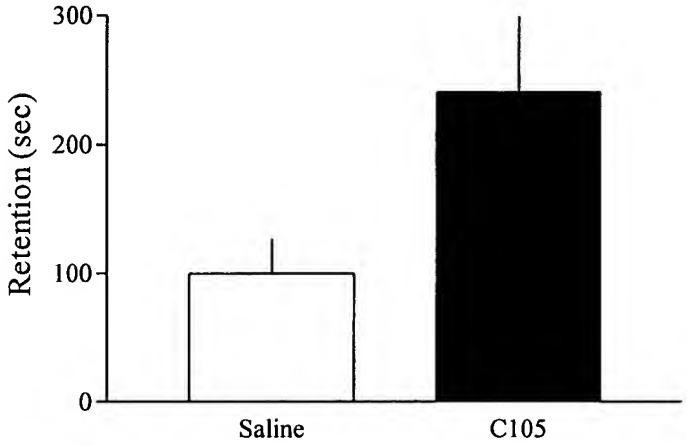


Figure 12

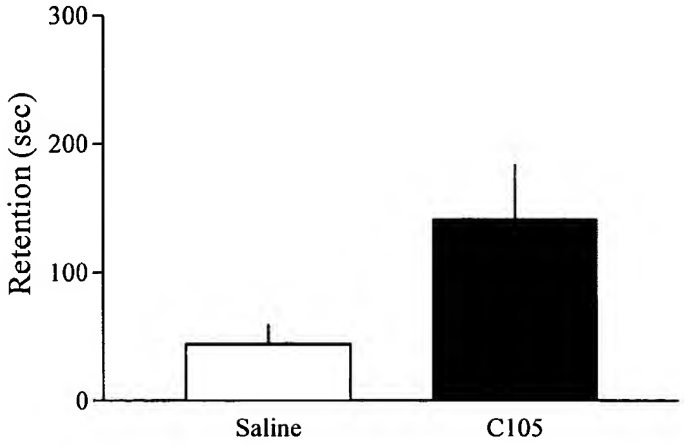
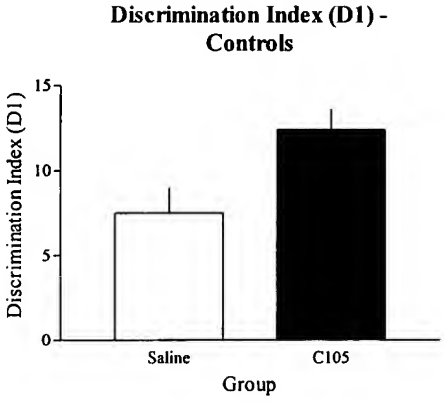
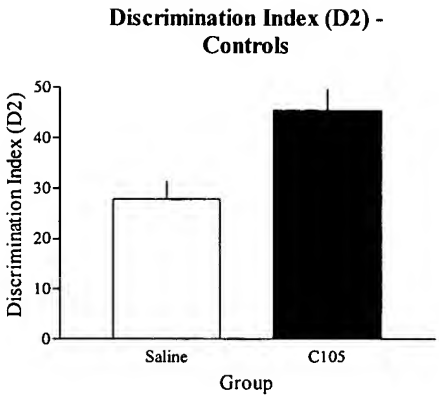
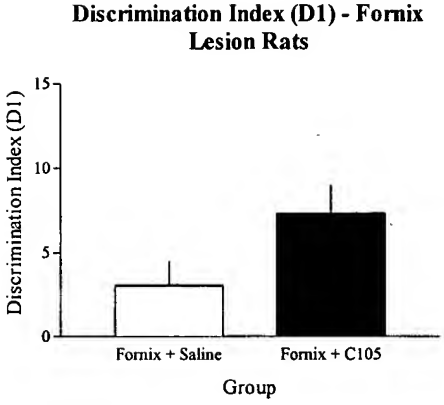


Figure 13


Discrimination Index (D1) - Controls
Discrimination Index (D1)
15
10
5
0
Saline
C105
Group


Discrimination Index (D2) - Controls
Discrimination Index (D2)
50
40
30
20
10
0
Saline
C105
Group


Discrimination Index (D1) - Fornix Lesion Rats
Discrimination Index (D1)
15
10
5
0
Fornix + Saline
Fornix + C105
Group

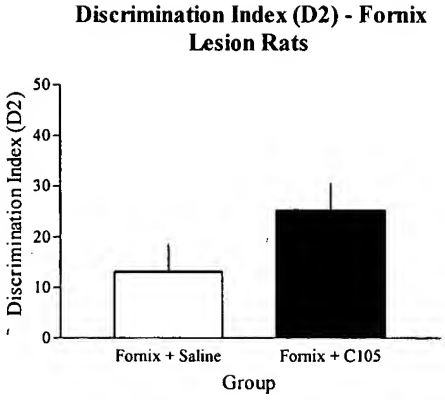
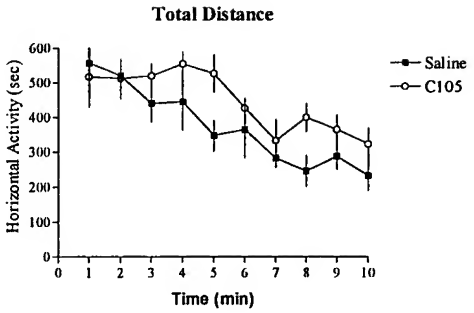
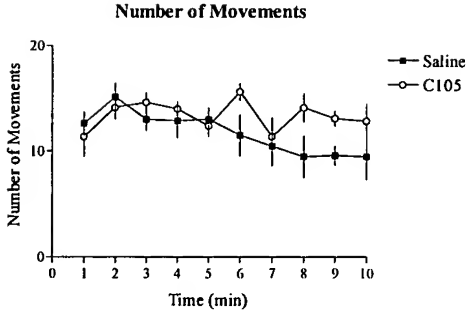
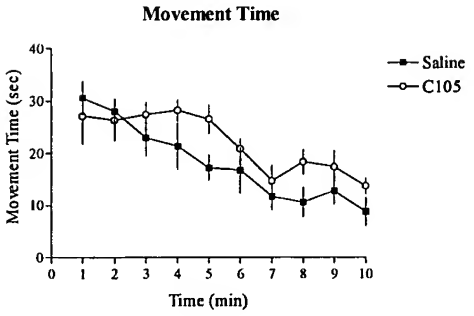
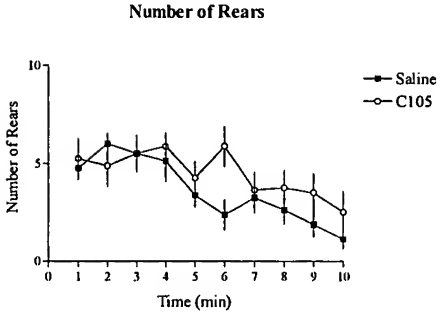

Discrimination Index (D2) - Fornix Lesion Rats
Discrimination Index (D2)
50
40
30
20
10
0
Fornix + Saline
Fornix + C105
Group

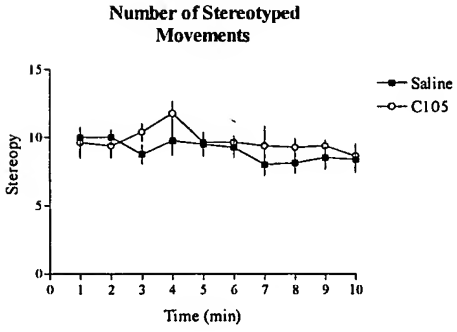
Figure 14


Total Distance
Horizontal Activity (sec)
Time (min)
Saline
C105


Number of Movements
Number of Movements
Time (min)
Saline
C105


Movement Time
Movement Time (sec)
Time (min)
Saline
C105


Number of Rears
Number of Rears
Time (min)
Saline
C105


Number of Stereotyped Movements
Stereopy
Time (min)
Saline
C105

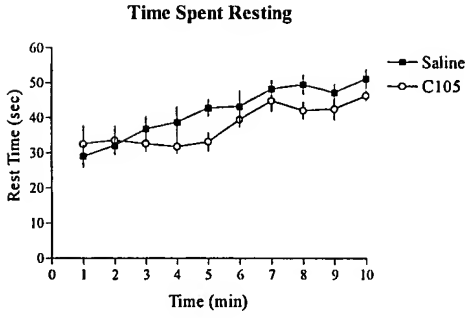
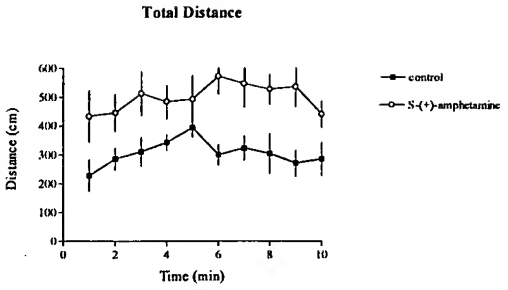
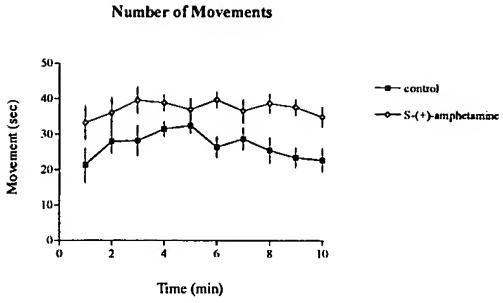
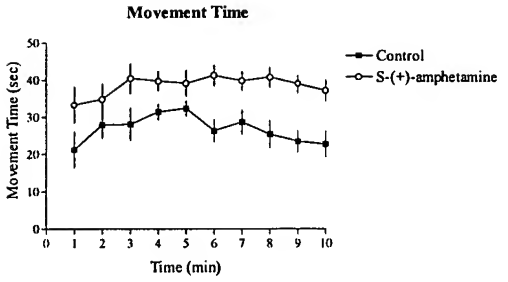
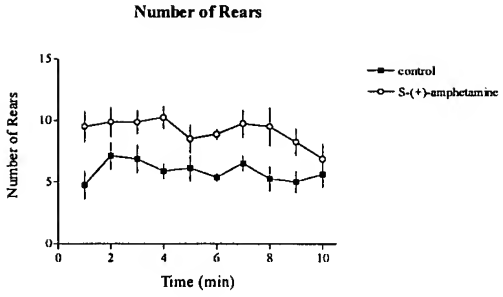

Time Spent Resting
Rest Time (sec)
Time (min)
Saline
C105

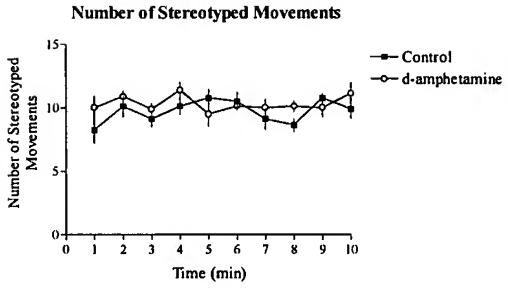
Figure 15


Total Distance
Distance (cm)
Time (min)
control
S-(+)-amphetamine


Number of Movements
Movement (sec)
Time (min)
control
S-(+)-amphetamine


Movement Time
Movement Time (sec)
Time (min)
Control
S-(+)-amphetamine


Number of Rears
Number of Rears
Time (min)
control
S-(+)-amphetamine


Number of Stereotyped Movements
Number of Stereotyped Movements
Time (min)
Control
d-amphetamine

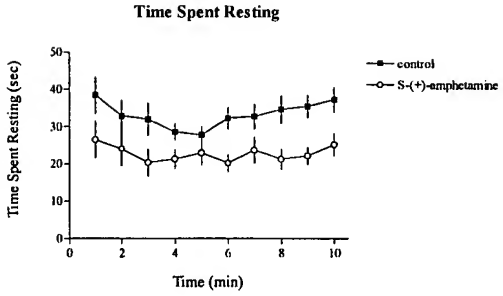
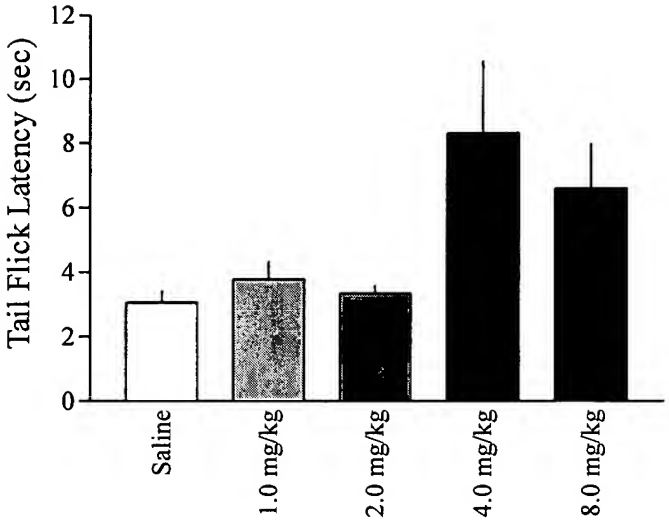

Time Spent Resting
Time Spent Resting (sec)
Time (min)
control
S-(+)-amphetamine

Figure 16


Tail Flick Latency (sec)
12
10
8
6
4
2
0
Saline
1.0 mg/kg
2.0 mg/kg
4.0 mg/kg
8.0 mg/kg